

Defense Contract Management Command



FY97 Industrial



Assessments



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FY97 DCMC Industrial Assessments

Executive Summary

DCMC's Industrial Analysis Support Office (IASO) manages the Industrial Analysis Program, defined in Chapter 1.1.2 of DLAD 5000.4, for the Defense Contract Management Command. Primary products are Industrial Capability Assessments (ICA) performed for external customers to support their acquisition, readiness and logistics missions. During FY97, DCMC IASO completed 112 analytical tasks encompassing eight weapon system sectors. These studies were performed for a wide spectrum of DoD customers including OSD staff, Service Acquisition Executives, Program Executive Offices, Program Managers, and other acquisition and logistics officials throughout the Defense Department.

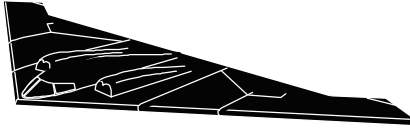
Performance of these tasks was not possible without the support of a diverse network of Contracting Management professionals throughout DCMC. These individuals, located at the various Contract Administration Offices (CAO) throughout the United States and abroad, routinely provide current, valid information and reliable analysis supporting the accomplishment of these tasks. The support of this field network contributed to development of 112 excellent industrial analysis products and assured that DCMC customer requirements were satisfied. This report summarizes the results of the 112 tasks completed during FY97.

Of the 112 tasks, 82 are directly related to DoD weapon systems acquisition. The remaining 30 are special studies categorized as outside the scope of a typical industrial capability assessment and are either policy/guidance related, such as the assessment of restructuring cost or Single Process Initiative, or a quick turn-around assessment for a customer where the level of effort does not warrant qualification as a typical study. Numbers of completed studies categorized by weapon system sector are:

<u>Sector</u>	<u># Studies</u>
Aircraft	28
Ammunition	4
Combat Vehicle	4
Electronics/Communications	9
Missiles	13
Shipbuilding	4
Space	6
Troop Support	10
Weapons	4
Subtotal	82
Special Studies	<u>30</u>
Total	112

Customer feedback was received for 40 of these studies. Detailed customer feedback is included within each industrial study summary.

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Aircraft Sector

Task

Study: *Industrial Capability Assessment for C-130 Cockpit Instruments*

Customer: *Naval Air Systems Command*

Summary: *The near term viability of the contractors surveyed is stable. Possible concerns include increasing material lead time and price volatility. Report was used to assess impact of diminishing manufacturing sources.*

Customer Feedback: *“This report would have required two man months of effort at \$150K per year. Travel and time savings of Air Force personnel required to man effort was indirect savings of about \$6K.”*

Cost Avoidance: *\$25,000*

Participating CAOs

*San Francisco
Boston
Van Nuys
Chicago
Orlando*

Study: *Aircraft Industry Data for Joint Strike Fighter*

Customer: *Deputy Undersecretary of Defense, Industrial Affairs and Installations, Industrial Capabilities and Assessments*

Summary: *Using In-house data provided a summary of the four prime contractors aircraft sites. This report was used to analyze impact of down-select.*

*Atlanta
Seattle
Dallas
Santa Anna*

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Task

Participating CAOs

Study: *Repair Base Assessment for Flight Instruments*

San Francisco

Customer: *Wright Laboratory, Air Force Materiel Command
/Manufacturing Technology Directorate*

Boston

Chicago

Summary: *According to information gathered, privatization of the Sacramento ALC Instrument Repair is a viable alternative. Report was used to assess risk of privatizing organic depot workload.*

Customer Feedback: *“To be used for core workload analysis and risk assessment.”*

Cost Avoidance: *\$100,000*

Study: *Repair Base Assessment on the A-10 Aircraft*

Pemco

Raytheon E-Systems

Customer: *Wright Laboratory, Air Force Materiel Command*

Van Nuys

Clearwater

Summary: *At least five companies have the requisite capabilities and capacity to perform ACI level maintenance and paint. Report was used to assess risk of privatizing organic depot workload*

Lockheed Martin-Greenville

Customer Feedback: *“Provided AFMC/LGP with data needed for their workload risk analysis.”*

Cost Avoidance: *\$100,000*

Study: *Update Industrial Analysis Report for F/A-18E/F*

*Numerous offices were involved
for data collection*

Customer: *Naval Air Systems Command*

Summary: *All contractors were assessed and found to be industrially capable and financially viable with the exception of one company. Report was used as input to DoD Annual Industrial Base report to Congress.*

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<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> <i>Landing Gear Industry Data</i>	<i>Israel</i> <i>Germany</i> <i>Switzerland</i> <i>Canada</i> <i>UK</i> <i>Dallas</i> <i>Cleveland</i> <i>Van Nuys</i> <i>Boeing-St. Louis</i>
<u>Customer:</u> <i>Deputy Undersecretary of Defense, Industrial Affairs and Installations, Industrial Capabilities and Assessments</i>	
<u>Summary:</u> <i>IASO provided OSD data on foreign and domestic contractors with current/recent design and manufacturing experience on DoD aircraft landing gear systems. Report was used to assess Industrial and Financial viability of selected contractors.</i>	
<u>Customer Feedback:</u> <i>“Information provided the supporting data needed to complete the landing gear report to Congress within the specified reporting date. Data also provided means of verifying service reports. The data provided the depth needed to present a credible and convincing response to Congress which adds to the credibility of DoD.”</i>	
<hr/>	
<u>Study:</u> <i>Wright Lab forecast Study</i>	<i>None</i>
<u>Customer:</u> <i>Wright Laboratory, Air Force Materiel Command</i>	
<u>Summary:</u> <i>This study concluded that the Aircraft Industrial Base is projected to be healthy at the prime level through 2010 because of increasing commercial and DoD demand</i>	
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Task

Participating CAOs

Study: Sikorsky Aircraft Business Base Data

Sikorsky

Customer: Office of Secretary of Defense, Program Analysis and Evaluation

Summary: Provided sales, workload distribution, employment, and aircraft delivery data for 1991-1999 and forecast through 2005. Report was used to make programmatic decision on impact of reduced procurement of H-60 type helicopter.

Customer Feedback: "Deferred procurement of a more expensive aircraft in a multi-year contract based on White House and congressional concerns about the industrial base. Money would have had to be reprogrammed from other programs to pay for the procurement of additional aircraft."

Study: T56 Engine Maintenance Capability Assessment

Hartford

Customer: Naval Air Systems Command

Seattle

Santa Anna

Summary: At least three commercial sources have the industrial capability for two older versions of T-56. Report was used to assess risk of privatizing organic depot workload

Customer Feedback: "The information provided will assist NAVAIR in determining the level of risk associated with performance in the private sector on specific T56 engines evaluated. The expertise, knowledge and data collection effort that DCMC IASO provided has been professional and beneficial to the DoD Core Methodology process. The network that DCMC IASO has in place for data collection efforts supporting industrial base issues is outstanding. If NAVAIR 6.0C.2 contracted out the services that DCMC IASO performed, an estimate of the cost savings would be \$75K."

Cost Savings: \$75,000

FY97 DCMC Industrial Assessments

<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> <i>Analysis of Army Helicopter Titanium Forging Industrial Base</i>	Atlanta Van Nuys Chicago Cleveland Hartford
<u>Customer:</u> <i>US Army Aviation and Troop Command</i>	Twin Cities Springfield Seattle San Francisco Boston Syracuse
<u>Summary:</u> <i>Lead times and prices have increased due to the use of Titanium in golf clubs and in the production of commercial aircraft. Report was used to assess impact of diminishing manufacturing sources</i>	
<u>Customer Feedback:</u> <i>“Study completed without additional ATCOM resources. Increased general knowledge of casting industry.”</i>	
<u>Cost Savings:</u> <i>\$150,000</i>	
<hr/>	
<u>Study:</u> <i>Aircraft Engine Maintenance Capability Assessment for None Selected Navy Aircraft (5 separate studies)</i>	
<u>Customer:</u> <i>Naval Air Systems Command</i>	
<u>Summary:</u> <i>Five engines were evaluated for outsourcing, only one could not meet NAVAIR criteria. Report was used to assess risk of privatizing organic depot workload.</i>	
<u>Customer Feedback:</u> <i>“The information provided will assist NAVAIR in determining the level of risk associated with maintenance of each engine in the private sector. The expertise, technical knowledge, and data collection effort provided on complex issues has been extremely advantageous.</i>	
<u>Cost Savings:</u> <i>\$375,000</i>	
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<u>Study:</u> <i>Plating Industrial Capability Assessment</i>	None
<u>Customer:</u> <i>Naval Air Systems Command</i>	
<u>Summary:</u> <i>The companies are dedicated to the business and would continue to make the necessary investments to keep up with regulations. Report was used to assess impact of diminishing manufacturing sources.</i>	

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *E-6 Aircraft Depot Maintenance Capability Assessment* Boeing Wichita
Raytheon E-Systems
Customer: *Naval Air Systems Command* Pemco
Aero Corporation

Summary: *Identified four contractors who could meet the criteria and perform the workload. Report was used to assess risk of privatizing organic depot workload.*

Customer Feedback: *“Information will assist NAVAIR in determining the level of risk associated with performance in the private sector. Findings support the requirement in DoD Core Methodology process. The technical knowledge, expertise, and data collection effort that DCMC IASO provided on complex issues have been extremely advantageous. The network that DCMC has in place for data collection and on-site visits supporting industrial base is outstanding. NAVAIR 6.0C.2 saved \$30K by having DCMC IASO perform this work.*

Cost Savings: *\$30,000*

Study: *AH-1 W Key Component Update* None

Customer: *Naval Air Systems Command*

Summary: *All key components were assessed as a low risk. Report was used to assess Industrial and Financial viability of selected contractors.*

Customer Feedback: *“The information provided was the prime reference source for the FY96 AH-1W Industrial Base Assessment. Special thanks to DCMC IASO for a superb response/product on short notice.*

Cost Avoidance: *\$25,000*

Cost Savings: *\$10,000*

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *P-3 Aircraft Propeller Assembly Maintenance Capability Assessment*

*Seattle
Hamilton Standard
Van Nuys*

Customer: *Naval Air Systems Command*

Summary: *Four contractors were identified as possessing the capabilities to accomplish this work. Report was used to assess risk of privatizing organic depot workload.*

Customer Feedback: *“Information will assist NAVAIR in determining the level of risk associated with performance in the private sector. Findings support requirement in DoD Core Methodology process. The technical knowledge, expertise, and data collection effort that DCMC IASO provided on complex issues have been extremely advantageous. The network that DCMC IASO has in place for data collection and on-site visits supporting industrial base issues is outstanding. The P-3 Aircraft propeller assessment was the third of three assessments. If NAVAIR 6.0C2 would have contracted the services that DCMC IASO has performed, the estimated cost savings would be \$100K. The information DCMC IASO provided will be valuable in assisting NAVAIR in satisfying the requirement set forth in Public Law 100-370, Title 10; DoD Directive 4151.18, and the Deputy Under Secretary’s (Logistics) policy for maintaining Core depot maintenance capability.”*

Cost Savings: *\$100,000*

Study: *Analysis of Army Helicopter Casting Industrial Base*

*Twin Cities
Seattle*

Customer: *US Army Aviation and Troop Command*

*Cleveland
Chicago*

Summary: *Assessment indicates a low to moderate risk for the overall industry. Report was used to assess impact of diminishing manufacturing sources.*

*Syracuse
Hartford*

Cost Avoidance: *\$5,000*

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<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> <i>Industrial Capability Assessment for T-45 Aircraft</i>	<i>Long Island</i>
<u>Customer:</u> <i>Naval Air Systems Command</i>	<i>Syracuse</i>
	<i>Springfield</i>
	<i>Baltimore</i>
<u>Summary:</u> <i>All key components and contractors were assessed a low risk with the exception of three companies rated a moderate risk. Report was used to assess industrial and financial viability of selected contractors.</i>	<i>Chicago</i>
	<i>United Kingdom</i>
	<i>Twin Cities</i>
	<i>McDonnell Douglas</i>
<u>Customer Feedback:</u> <i>“Information provided was incorporated into the T-45 ICA which was submitted to NAVAIR 1.3. Information provided will be used by DoD and Congress for budget issues. Support has been superb!”</i>	
<u>Cost Savings:</u> <i>\$30,000</i>	

<u>Study:</u> <i>Acquisition Strategy Panel Paper for Transportation Command regulating and Command and Control Evacuation System</i>	<i>None</i>
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Customer: *DCMC*

Summary: *Executive level report on the TRAC2ES system Acquisition Strategy Panel. The report was used by CDR DCMC for the USAF Acquisition Strategy Panel*

<u>Study:</u> <i>Acquisition Strategy Panel Paper for MC/AC 130 Integrated Weapon System Support Program</i>	<i>None</i>
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Customer: *DCMC*

Summary: *Executive level report on MC/AC 130 System. The report was used by CDR DCMC for the USAF Acquisition Strategy Panel*

FY97 DCMC Industrial Assessments

<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> Acquisition Strategy Panel Paper for Joint Logistic System	None
<u>Customer:</u> DCMC	
<u>Summary:</u> Executive report on the Joint Logistic System. Used by CDR DCMC for USAF Acquisition Strategy Panel	
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<u>Study:</u> Acquisition Strategy for Predator UAV Program	None
<u>Customer:</u> DCMC	
<u>Summary:</u> Executive level report on the Predator UAV System. The report was used by CDR DCMC for the USAF Acquisition Strategy Panel	
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<u>Study:</u> Acquisition Strategy Panel Paper for B-2 Multistage Improvement Program	None
<u>Customer:</u> DCMC	
<u>Summary:</u> Executive level report on the B-2 Multistage Improvement Program. The report was used by CDR DCMC for the USAF Acquisition Strategy Panel	
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<u>Study:</u> Acquisition Strategy Panel Paper for MC/AC 130 Gunship	None
<u>Customer:</u> DCMC	
<u>Summary:</u> Executive level report on the MC/AC 130 Gunship. The report was used by CDR DCMC for the USAF Acquisition Strategy Panel	
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FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *Acquisition Strategy Panel Paper for NATO Joint Stars* *None*

Customer: *DPRO Northrup Grumman Melbourne*

Summary: *Executive level report on the NATO Joint Stars Program Acquisition Strategy Panel. The report was used by CDR DCMC for the USAF Acquisition Strategy Panel*

Customer Feedback: *“Excellent Overall Report”.*

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Ammunition Sector

Task

Participating CAOs

***Study:** Market Survey of Ammunition Metal Parts Producers*

***Customer:** Industrial Operations Command (IOC)*

***Summary:** Findings concluded that alternate sources are available outside of the Restricted Specified Base (RSB) that could be used to produce ammunition metal parts. The use of alternate sources would assure that maximum competition is achieved. The report was part of IOC's submittal to the Army's FY97 Industrial Base Sector Study Update*

***Customer Feedback:** "Identified two additional companies capable of doing work."*

***Cost Avoidance:** \$50,000*

Atlanta
Dayton
Birmingham
Raytheon
St. Louis
Philadelphia-Reading
Hartford
General Dynamics-Pittsfield
Orlando
San Diego
Santa Ana
Syracuse
Detroit
Clearwater
Twin Cities
San Francisco
Chicago
Cleveland

***Study:** Munitions Industrial Base Assessment*

***Customer:** U.S. Army Research, Development and Armaments Command (ARDEC) and Battele Labs*

***Summary:** Concluded that excess capacity exists within the ammunition sector, only 20% - 30% utilized. Recommended commercializing organic sector and consolidating munitions management under Army. The Army used the study to support an IPT, which is implementing the recommendations.*

Boston
Indianapolis
Atlanta
Santa Ana
St. Louis
Seattle
Hartford
Syracuse
Dayton
Detroit
Birmingham
Orlando
San Diego

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Task

Participating CAOs

Study: *Point Paper on 155mm Artillery Shell Forging Process* Philadelphia-Reading

Customer: *Secretary of the Army, Research Development and Acquisition (SARDA)*

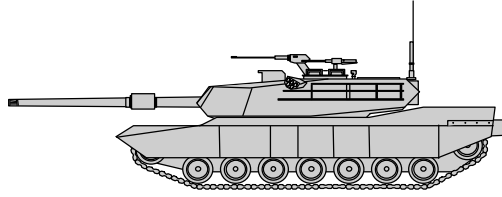
Summary: *Point Paper highlighted the forging processes to produce 155mm artillery shells and identified alternate domestic and foreign sources with capabilities to compete with army organic facilities. The report was used as justification for competitive bid.*

Study: *Financial Assessment of Nuclear Metal and Aerojet Ordnance* None

Customer: *U.S. Army Industrial Engineering Activity (IEA)*

Summary: *Concluded that the government needed to take action to preserve capability to produce depleted uranium penetrators. Information assisted IEA in developing a point paper to support these recommendations.*

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Combat Vehicle Sector

Task

***Study:** Goodyear of St. Marys Break-Even Analysis*

***Customer:** Office of the Assistant Secretary of the Army
Research, Development, and Acquisition*

***Summary:** The study concluded that capabilities existed at alternate sources to produce rubberized track. The customer used the analysis to determine that there was no justification for a track rubberization procurement restriction.*

Participating CAOs

*Dayton
District International*

***Study:** FY97 US Army Industrial Base Strategy for Combat
Tracked Vehicles*

***Customer:** US Army Tank-Automotive and Armaments
Command*

***Summary:** The analysis concluded that the CTV Industrial
Base is viable and will meet FYDP requirements. The study
supported TACOM's FY97 US Army Industrial Base Strategy
for Combat Tracked Vehicles for the Army Materiel Command.*

*General Dynamics Lima
UDLP York
Chicago
Twin Cities
St. Louis
Indianapolis
Lockheed Martin
Pittsfield
Cleveland
Dayton
Detroit
Reading
Atlanta
Phoenix
Seattle
District International*

FY97 DCMC Industrial Assessments

Task

Study: *Taxonomy of the CTV Industrial Sector*

Customer: *Office of Undersecretary of Defense, Acquisition and Technology*

Summary: *The analysis identified prime and major subcontractors within the CTV Industrial Base. The customer used the report to identify likely candidates for vertical integration.*

Participating CAOs

*General Dynamics Lima
UDLP York
Chicago
Frankfurt
Twin Cities
St. Louis
Indianapolis
Lockheed Martin
Pittsfield
Cleveland
Dayton
Detroit
Reading
Atlanta
Phoenix
Seattle*

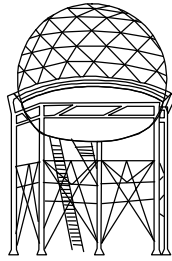
Study: *T-142 M60 Track Drawings for NATO Supply Agency (NASMA)*

*Dayton-Cincinnati
Orlando*

Customer: *Deputy Undersecretary of Defense, Industrial Capabilities & Assessments.*

Summary: *The report identified the suppliers of T-142 track and assessed the impact to these suppliers if NATO had access to detailed drawings. Report was used in the decision process on whether to allow NATO military drawings*

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Electronic/Communication Sector

Task

Study: *Infrared Thermal Imaging*

Customer: *US Army*

Summary: *Report concluded the IR industrial base was adequate to support DoD requirements. Report was used in determining possible competition problems for Army Omnibus procurement.*

Customer Feedback: *“Report answered questions regarding sector survey update of 1997 for Electro Optics portion of sector. The time for us to prepare this report would be about 2-3 months with 5 people. Excellent report for our use, provided up-to-date information as requested.”*

Cost Avoidance: *\$75,600*

Participating CAOs

*Lockheed Martin DelVal
Lockheed Martin Sunnyvale
Hughes Los Angeles
Santa Ana
Van Nuys*

Study: *Flat Panel Display Industrial Base*

Customer: *Naval Air Systems Command*

Summary: *Concluded there were sufficient participants in the flat panel display industrial base to support DoD objectives. Report was used to assist customer determine areas of focus for Naval Air Reserve Officers for their ACDUTRA*

*Seattle
Long Island
Boston
Detroit
San Francisco*

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *Review of Abrams Tank, Bradley FOV, and FMTV Industrial Base*

*General Dynamics Lima
UDLP York
Stewart & Stevenson*

Customer: *Office of Secretary of Defense, Program Analysis and Evaluation*

Summary: *The analysis concluded that the planned funding for Abrams Tank, Bradley FOV, and FMTV Industrial Base will maintain capabilities within industry. The customer used the study for negotiations during the DPP process.*

Customer Feedback: *“The specific amount of cost savings and avoidance is unclear at this time. We are still preparing the Defense Planning Projection and therefore, do not know the difference from the baseline yet. The study was and still is very useful in the preparation of the DPP. We will also be able to use in the analysis in the upcoming program review. Outstanding job! Thanks for the great product and cheerful service. You are becoming more well known around here and your reputation is growing. Thanks!”*

Study: *BT/MCI Merger*

None

Customer: *Defense Investigative Service (DIS)*

Summary: *Report examined consequences of foreign ownership and control of US telephone infrastructure. Report was used in conjunction with other DIS information to determine consequences of proposed merger.*

Customer Feedback: *“The analysis gave us a great deal of useful background information which benefited our analysis of the MCI/BT merger. Your assessment helped to improve our product. The improved product improved our reputation with our customers.*

Cost Savings: *\$40,000*

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<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> <i>RADIAC Industrial Capabilities Analysis</i>	<i>San Diego</i>
<u>Customer:</u> <i>US Army Communications and Electronics Command</i>	<i>Detroit</i>
	<i>Dallas</i>
	<i>Philadelphia</i>
	<i>Phoenix</i>
<u>Summary:</u> <i>Concluded the radiac industrial base was sufficient for Army support. Report was used by Army in updating of their FY96 Industrial Base Studies</i>	
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<u>Study:</u> <i>Microwave Tube Industrial Capabilities Analysis</i>	<i>None</i>
<u>Customer:</u> <i>US Army Communications and Electronics Command</i>	
<u>Summary:</u> <i>The study evaluated the microwave tube industry and its capabilities to support DoD requirements. Report was used by Army in their updating of their FY96 Industrial Base Studies</i>	
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<u>Study:</u> <i>AN/TPS-75 Radar Shelter Replacement</i>	<i>Baltimore</i>
<u>Customer:</u> <i>US Air Force</i>	<i>Detroit-Grand Rapids</i>
	<i>Boston</i>
	<i>Philadelphia-Reading</i>
	<i>Northrup Grumman</i>
	<i>Seattle</i>
	<i>Phoenix</i>
	<i>Indianapolis-HTSC</i>
<u>Summary:</u> <i>This was an Early CAS request from Hanscomb AFB Electronic Systems Center. The report evaluated the capabilities of 14 contractors who were competing for the Air Forces AN/TPS 75 Radar Shelter Replacement program. Report was used to assist in determining contractor population for the program. Results are not yet known.</i>	
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<u>Study:</u> <i>Single Process Initiative (SPI) Support</i>	<i>None</i>
<u>Customer:</u> <i>DCMC</i>	
<u>Summary:</u> <i>Report presented an overview of the DoD industrial sectors with possible candidates for SPI. Report was used by HQ DCMC as a starting point for DCMC field activities to make SPI presentations to companies under their cognizance.</i>	
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Task

Participating CAOs

Study: *ATIRCM/CMWS Repair Base Assessment*

Sanders

Customer: *US Army Communications and Electronics
Command*

Raytheon

Summary: *Report concluded there was sufficient
capability/capacity to have the depot level repairs done in the
commercial sector. Report was used by JPO for life cycle
planning*

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Missile Sector

Task

Study: Preferred Munitions Spreadsheet of Production Capabilities for Specific Weapon End Items and Provide Quarterly Updates

Customer: Joint Staff (J-4)

Summary: Provided on-line access of preferred munitions information to J-4 through DSIS.

Participating CAOs

Lockheed Martin Orlando
Raytheon
Raytheon TI
Raytheon Tucson
Boeing St. Louis

Study: Support the Affordable Multi-Missile Manufacturing (AM3) Source Selection

None

Customer: AM3 Program Office at Defense Advanced Research Projects Agency (DARPA)

Summary: Participated on the quality, scope and persuasiveness of proposed Phase 3 for Implementation/ Demonstration Team and Deployment Team. Contract awarded to Lockheed Martin and Raytheon

Study: FY97 U.S. Army Missile Command (MICOM) Sector Study on Selected Prime and Subtier Contractors

Northrop Grumman, DCMDE
Santa Anna
Van Nuys
McDonnell Douglas, CA
Hughes Tucson

Customer: US Army Missile Command

Summary: The study concluded that the financial viability and industrial capabilities are not at risk since the tactical missile contractor infrastructure also support the strategic missiles, ammunition, electronics and aerospace industry. This financial and industrial analysis supported MICOM's FY97 Industrial Base Studies.

Thiokol
Seattle
Wichita
Twin Cities
Chicago
St. Louis, Baltimore, Orlando
Pittsburgh, New York
Birmingham, Stratford
Reading, Hartford, Syracuse
Springfield, Indianapolis
Northrop Grumman, DCMDW

Cost Avoidance: \$5,000

Cost Savings: \$5,000

FY97 DCMC Industrial Assessments

<u>Task</u>	<u>Participating CAOs</u>
<p><u>Study:</u> <i>Industrial and Financial Assessment on Critical Missile Spare/Repair Parts Producers and Subtier Vendors</i></p> <p><u>Customer:</u> <i>US Army Missile Command</i></p> <p><u>Summary:</u> <i>Performed analysis on 132 CAGEs and 347 part numbers. All CAGEs were considered a low financial risk with 247 parts relatively easy to procure and another 100 items requiring further research. Customer is using in concert with Army initiatives to maintain a healthy spare parts supplier base.</i></p>	<p><i>Twin Cities</i> <i>Lockheed Martin Sanders</i> <i>Wichita</i> <i>Hamilton Standard</i> <i>Birmingham</i> <i>Springfield</i> <i>Dayton</i> <i>Boston</i> <i>Long Island</i> <i>Boeing Seattle</i> <i>Northrop Grumman L.I.</i> <i>Orlando</i> <i>Boeing</i> <i>Huntington Beach</i> <i>Phoenix</i> <i>Northrop Grumman Hawthorne</i> <i>Raytheon TI</i> <i>Stratford</i></p>
<p><u>Study:</u> <i>Support the 1997 Strategic Crisis Exercise</i></p> <p><u>Customer:</u> <i>US Army War College</i></p> <p><u>Summary:</u> <i>Mentored student players on strategic logistics, monitored the feasibility of issues and utilized the Preferred Munitions Spreadsheet of Production Capabilities for Specific Weapon End Items</i></p>	<p><i>Lockheed Martin Orlando</i> <i>Raytheon</i> <i>Raytheon TI</i> <i>Raytheon Tucson</i> <i>Boeing St. Louis</i></p>
<p><u>Study:</u> <i>Joint Standoff Weapon (JSOW) Industrial Capability Assessment Update</i></p> <p><u>Customer:</u> <i>Naval Air Systems Command</i></p> <p><u>Summary:</u> <i>Customer used this update to plan strategy for future business/contracts and provide Program Managers with current data on their industrial base. Used as update to NAVAIR's Critical Parts List for JSOW subcomponents that have changed in terms of organization or capability since 1996.</i></p>	<p><i>Raytheon</i> <i>Seattle</i> <i>San Francisco</i> <i>San Diego</i> <i>Van Nuys</i> <i>Wichita</i> <i>Cleveland</i> <i>Dayton</i> <i>Boston</i> <i>Springfield</i></p>

FY97 DCMC Industrial Assessments

<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> <i>Support for the 1997 Joint Ordnance Wargame</i>	<i>DCMC Lockheed Martin Orlando</i>
<u>Customer:</u> <i>Naval Ordnance Center</i>	<i>Raytheon Raytheon TI</i>
<u>Summary:</u> <i>Monitored the feasibility of issues and utilized the Preferred Munitions Spreadsheet of Production Capabilities for Specific Weapon End Items.</i>	<i>Raytheon Tucson Boeing St. Louis</i>
<hr/>	
<u>Study:</u> <i>Privatization of Depot Maintenance of Tactical Missile Guidance & Control Systems</i>	<i>None</i>
<u>Customer:</u> <i>Air Force Materiel Command, Logistics Group</i>	
<u>Summary:</u> <i>A preliminary study utilized in the structure for the Repair Base Assessment Project subsequently received from AFMC /LGP</i>	
<hr/>	
<u>Study:</u> <i>Industrial Capability Support for the National Logistics Study</i>	<i>None</i>
<u>Customer:</u> <i>DLA-MMPON</i>	
<u>Summary:</u> <i>Provided industrial capability data on selected items listed by National Stock Number (NSN) and concluded that alternate sources exist for those identified. This data was utilized in the completion of the National Logistics Study.</i>	
<hr/>	
<u>Study:</u> <i>Standoff Land Attack Missile Expanded Response (SLAM-ER) Industrial Capability Assessment Update</i>	<i>Boeing St. Charles Raytheon Tucson</i>
<u>Customer:</u> <i>Naval Air Systems Command</i>	<i>Twin Cities Birmingham</i>
<u>Summary:</u> <i>Updated NAVAIR's Critical Parts List for SLAM-ER subcomponents that have changed in terms of organization or capability since 1996. NAVAIR used to help the Program Manager make intelligent acquisition decisions based on the health of their suppliers.</i>	<i>Atlanta Clearwater Orlando Boston Springfield Hartford Wales GB</i>

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *Review of Hellfire II and Longbow Missiles*

None

Customer: *Office of Secretary of Defense, Program Analysis and Evaluation*

Summary: *Concluded that procurement rate below the agreement in the Cost Reduction Program (CRP) was a low risk. Customer used study to support budget development in the Defense Planning Projection process*

Customer Feedback: *“Specific dollar savings and cost avoidance are unknown at this time because the matter is still under discussion. There are several options under consideration. The most likely option would entail a cost avoidance of approximately \$600 Million. The DCMC IASO study clarified the degree of programmatic danger in a way that could not have been ascertained by any other source. This permitted more authoritative OSD direction, as well as enabled us to focus on the requirements issues.”*

Cost Avoidance: *\$600M*

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *Financial Viability Assessment for the Brilliant Anti-Tank (BAT) Submunition* *None*

Customer: *Army TACMS-BAT Project Office, Redstone Arsenal*

Summary: *The BAT prime contractor and 12 key subcontractors are financially stable and do not pose an immediate risk of non-performance due to fiscal health. Seven of the 13 companies were rated higher than a low financial risk due to changes in their business circumstances. These changes could effect their performance on government contracts and recommend that companies' operating status be periodically reviewed for impact on the BAT program.*

Customer Feedback: *"Cost avoidance associated with cost to contract this effort which is a required part of the BAT Industrial Capabilities Assessment. Required milestone documentation. Identifies strengths and weaknesses in the Industrial Base. Satisfies requirement to assess industrial base."*

Cost Avoidance: *\$10,000*

Study: *Industrial Capability Assessment (ICA) Update for Joint Standoff Weapon (JSOW)*

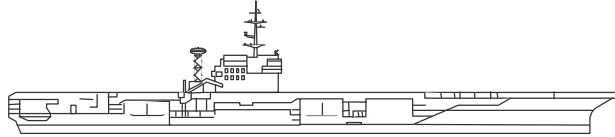
*DCMC Raytheon (TI) TX,
Wichita, Dayton,
Springfield, Seattle,
Boston, San Diego,
San Francisco*

Customer: *Naval Air Systems Command*

Summary: *An update to the 1996 JSOW ICA was requested on twelve critical items from eleven contractors. All the items and contractors were rated low risk except for one. In addition most of the contractors have undergone some form of transition from 1996 which are organizational in nature (i.e., acquisition, merger, consolidation, divestiture). Report was used to provide the Program Manager with information not readily available from in-house resources.*

Customer Feedback: *"This report provided a snapshot of producers supporting JSOW and used to plan strategy for future business with an estimated cost savings of \$15K."*

FY97 DCMC Industrial Assessments



Shipbuilding Sector

Task

Participating CAOs

***Study:** Critique Assessment of Critical Suppliers for CVN 77*

***Customer:** Deputy Undersecretary of Defense, Industrial Capabilities & Assessments*

***Summary:** The critique provided supporting documentation on the capabilities and health of critical suppliers supporting the CVN program. The critique enabled the customer to decide whether advanced procurement funds were justified.*

Philadelphia

Atlanta

Chicago

Dallas

GE Lynn

San Francisco

Syracuse

Springfield

***Study:** Identification, validation and analysis of efficiencies resulting from certain General Dynamics' divestitures*

***Customer:** DCMC Defense Corporate Executive*

***Summary:** Efficiencies realized by divested General Dynamics' programs more than offset \$150M of undistributed pension, environmental, etc., costs allowable and allocable to the remaining General Dynamics' business units. Customer used the assessment to convince program offices that although individual program savings may not have been realized, the overall savings were beneficial to the government.*

Hughes Tucson

Lockheed Martin Aeronautical

Denver

Lockheed Martin Ft. Worth

San Diego

Santa Ana

FY97 DCMC Industrial Assessments

<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> <i>USN Propeller Capacity Study for Private Industry and the Navy Propeller Center</i>	<i>Boston Birmingham Seattle</i>
<u>Customer:</u> <i>Office of the Deputy Assistant Secretary of the Navy (Ships)</i>	<i>Baltimore</i>

Summary: *Findings indicated that the workload in the FYDP is adequate to sustain capabilities supporting Navy programs and that the Navy Propeller Center has adequate workload to sustain operations. The report was used by the customer to validate the minimum and maximum capacity of propeller manufacturers.*

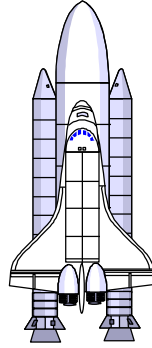
Customer Feedback: *“Increased understanding of capacity requirements at the Naval Propeller Center, Phila. Will be helpful in future Industrial Base Assessments.”*

<u>Study:</u> <i>U.S. Shipbuilding Productivity Review</i>	<i>None</i>
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Customer: *Deputy Undersecretary of Defense, Industrial Capabilities & Assessments*

Summary: *Developed common metrics to measure productivity among international shipbuilders. The report was used to assess U.S. shipbuilders productivity compared to their international counterparts.*

FY97 DCMC Industrial Assessments



Space Sector

Task

***Study:** Satellite Industrial Capabilities Assessment*

***Customer:** Office of Secretary of Defense, Directorate,
Defense Research and Engineering*

***Summary:** The report was delivered to newly organized Space Architect office in OSD for overview of Satellite Capabilities. Customer stated matrix was valuable in providing a listing of prime and major critical contractors.*

Participating CAOs

Lockheed Martin Delaware Valley

*Lockheed Martin Sunnyvale
Hughes Los Angeles*

Santa Ana

Van Nuys

***Study:** Quicklook Review of the Satellite Manufacturing Industrial Base*

***Customer:** Institute for Defense Analysis*

***Summary:** Analytical product was used by Congressional decision-makers with direct input to Quadrennial Defense Review (QDR) recommendations.*

Lockheed Martin Delaware Valley

*Lockheed Martin Sunnyvale
Hughes Los Angeles*

Santa Ana

Van Nuys

***Customer Feedback:** “IDA was able to ascertain research and names of satellite subcontractors and the capabilities at prime contractor locations. This also increased government awareness of industry concerns.”*

***Cost Avoidance:** \$25,000*

FY97 DCMC Industrial Assessments

<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> <i>Effects of Not Winning EELV and Cessation of Titan Program on Lockheed Martin's Denver Facility.</i>	<i>Lockheed Martin Astronautics Denver</i>
<u>Customer:</u> <i>DCMC Lockheed Martin Astronautics Denver</i>	
<u>Summary:</u> <i>Findings concluded industrial capability impact will be minimal. Report was used as part of their report to the Space and Missile Command's Titan Program Office.</i>	
<hr/>	
<u>Study:</u> <i>Air Force Space and Missile Command Forecast Study</i>	<i>None</i>
<u>Customer:</u> <i>AirForce Space and Missile Command</i>	
<u>Summary:</u> <i>This study concluded that the Space and Missile Industrial Base will be healthy at the prime contractor level through 2010 due to increasing commercial demands as DoD and NASA funding stabilizes</i>	
<hr/>	
<u>Study:</u> <i>NASA Forecast Study</i>	<i>None</i>
<u>Customer:</u> <i>DCMC CLR at NASA</i>	
<u>Summary:</u> <i>This study concluded that the Space Industrial Base is going to be healthy at the prime level through 2010 because increasing commercial demands as NASA funding stabilizes</i>	
<hr/>	
<u>Study:</u> <i>Vertical Integration Study</i>	<i>Lockheed Martin Delaware Valley</i>
<u>Customer:</u> <i>Institute for Defense Analysis</i>	<i>Lockheed Martin Sunnyvale Hughes Los Angeles</i>
<u>Summary:</u> <i>Report was reviewed by senior officials within OSD for possible actions concerning potential merger and acquisition proposals. Concluded that increased demand for commercial satellites provides ample capacity for unclassified programs and that vertical integration will not impact these programs.</i>	<i>Santa Ana Van Nuys Lockheed Martin Astronautcs Denver</i>
<hr/>	

FY97 DCMC Industrial Assessments



Troop Support Sector

Task

Participating CAOs

Study: *Industrial Capability, Financial Viability and Economic Analysis of Hunter Manufacturing Co, Solon, OH*

Customer: *Joint Service Material Group (JSMG)*

Summary: *JSMG was faced with a shortfall. JSMG used report to determine that Hunter was capable of producing 200 CFM NBC filter sets.*

Study: *Industrial Capabilities Assessment of Automatic Chemical Agent Detector Alarm (ACADA)*

*Baltimore
United Kingdom
Finland*

Customer: *US Army Chemical Biological Defense Command (CBDCOM)*

Summary: *Report improved competition for Procurement Activities. CBDCOM used report to identify strengths and weaknesses of industrial base for ACADA products.*

Customer Feedback: *“Improved competition for procurement. Identified strengths and weakness of product’s industrial base for procurement actions.”*

Cost Avoidance: *\$50,000*

FY97 DCMC Industrial Assessments

<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> <i>Assessment of Financial and Economic Viability of Calgon Carbine Company (CCC) Pittsburgh, PA</i>	<i>Pittsburgh</i>
<u>Customer:</u> <i>US Army Chemical Biological Defense Command (CBDCOM)</i>	
<u>Summary:</u> <i>CCC is sole source producer of impregnated chromium free activated carbon (ASZM-TEDA) used in filters for military application. CBDCOM used report to assess financial and economic viability of this sole source.</i>	
<hr/>	
<u>Study:</u> <i>Large Scale Production of Antibodies for Category A(ITF-6) Biowarfare Agents (10-100 grams of antibody per agent)</i>	<i>Baltimore Dayton Philadelphia Reading</i>
<u>Customer:</u> <i>Program Manager for Joint Bio Detection System (CBDCOM)</i>	
<u>Summary:</u> <i>No industrial capabilities exist that would preclude production of antibodies for Category A(ITF-6) biological warfare agents in quantities required. Program manager used report to assist in identifying potential suppliers.</i>	
<u>Customer Feedback:</u> <i>“Private contractor would have cost \$45,000 or own in-house \$35,000 to conduct study.</i>	
<u>Cost Savings:</u> <i>\$40,000</i>	

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *Financial/Economic Viability Assessment for Absorbent Media for Filter Applications DCMC Pittsburgh*

Customer: *US Army Chemical, Biological Defense Command*

Summary: *Provided financial/economic viability data and assessment on Calgon Carbon Corp., the sole producer of impregnated chromium-free activated carbon that is the absorbent media in filter applications for military NBC protection.*

Customer Feedback: *“This report supplied CBDCOM with support that a financially viable source was available for absorbent media in filter applications for military NBC protection.”*

Study: *Industrial Capability and Financial Viability Assessment on manufacturers of Chemical/Biological repair parts and spares*

*Denver
Garden City
Orlando
St. Louis*

Customer: *US Army Chemical Biological Defense Command*

Summary: *No alternate sources were currently manufacturing four identified items, however, other potential sources are known to have the capability to manufacture these items. Further there are no unique technologies associated with production of the items. CBDCOM used study to identify spare parts population and potential problem areas.*

Customer Feedback: *“Provided critical information to ACALA, ODCSOPS, JSMG and ODCSLOG on industrial preparedness to support contract reviews and monitor delivery and performance.”*

FY97 DCMC Industrial Assessments

<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> <i>Financial and Economic Viability Assessment of Joint Services Protective Mask Suppliers.</i>	Atlanta Baltimore International
<u>Customer:</u> <i>US Army Chemical Biological Defense Command (CBDCOM)</i>	Philadelphia Santa Ana St. Louis Twin Cities
<u>Summary:</u> <i>Study identified the financial and economic viability of potential suppliers of the next generation JSMP Mask. The data from the analysis is being used to make decisions for transition to development/production of the JSMP Mask.</i>	
<u>Customer Feedback:</u> <i>“Data will be useful in contractor evaluations.”</i>	

Study: *Long Range Industrial and Financial Forecast for the Nuclear, Biological and Chemical Industry* None

Customer: *US Army Chemical Biological Defense Command (CBDCOM)*

Summary: *The report found that the NBC Sector of the Defense Budget is increasing as DoD Budget stabilizes. This is being driven by new threats and depleted stocks of critical equipment and supplies. Future NBC Defense Systems have dual use technologies that are widely used in the commercial sectors. Report used by CBDCOM for strategic planning and acquisition purposes.*

Study: *DPSC/DSPC Forecast Study* None

Customer: *Defense Supply Center Philadelphia (DSPC)*

Summary: *This study concluded that the diverse industrial base for Combat Support Defense items will be healthy through 2010 in the aggregate as funding stabilizes. Because Combat Support Contractors operate in predominately commercial industries, NBC Defense Agencies (DoD and civilian) must fully leverage the commercial marketplace to safeguard the Industrial Base*

FY97 DCMC Industrial Assessments

Task

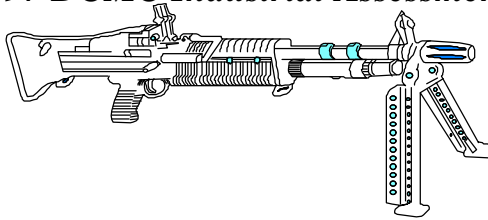
Participating CAOs

Study: *Industrial Capabilities Assessment of Biosafety Level 4 Laboratories Baltimore*

Customer: *Defense Special Weapons Agency Springfield Research Facility (DSWA/SRF)*

Summary: *No industrial capabilities for components, equipment or other issues were found which would preclude continued support and/or regeneration of the BSL4 facilities. DSWA/SRF used report to determine no intervention action was required.*

FY97 DCMC Industrial Assessments



Weapon Sector

Task

Participating CAOs

Study: *U.S. Army Small Caliber Weapons Industrial Base Sector Study*

*Boston
Hartford
Atlanta*

Customer: *Armament and Chemical Acquisition and Logistics Activity (ACALA)*

Phoenix-Mesa

Summary: *Findings concluded that the small arms sector of the industrial base is healthy through FY2001. Downsizing will likely occur beyond FY2001 as new procurements end. The critical elements of the base will be preserved with improvements to the current weapon systems. Conclusions assisted the customer decide that no intervention action was required.*

Study: *Industrial Capability Assessment of Tantalum, Molybdenum and Rhenium Metals*

*Indianapolis
Ft. Lauderdale
Orlando*

Customer: *US Army Armament Research, Development and Engineering Center*

*Boston
New York
Syracuse*

Summary: *Concluded that there were numerous alternate sources of the three metals in the size and quantity required. Used by ARDEC to support research on their material suppliers.*

*Springfield
Hartford
Dayton
San Francisco
Philadelphia-Reading
Grand Rapids
Detroit
United Kingdom*

Cost Avoidance: *\$10,000*

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *Assessment of M242 Bushmaster Breech and Bolt Material*

Milwaukee

Customer: *US Army Armament Research, Development and Engineering Center*

Summary: *Recommended an acquisition practice of combining procurement of similar material parts to exceed minimum quantities required by the supplier. The customer used the report to support their procurement strategy.*

Cost Avoidance: *\$50,000*

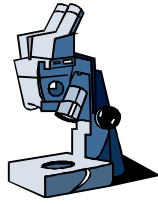
Study: *Acquisition strategy panel paper on Ammunition Standard System (AMSS)*

None

Customer: *Headquarters, Defense Contract Management Command*

Summary: *Provided Financial, Technological, and Industrial assessment of the AMSS Program. No unique capability problems will interfere with the program.*

FY97 DCMC Industrial Assessments



Special Studies

Task

Participating CAOs

***Study:** Market Research - USAF F-15C ACES*

None

***Customer:** USAF Aeronautical Systems Center, (ASC)
ASC/SYG*

***Summary:** The Training Systems Group of the Aeronautical Systems Center, (ASC) in preparation for a source selection for the F-15C Multi-Stage Improvement Program (MSIP) Four Ship Simulation and Aerial Combat Enhanced Simulation (ACES), requested market research data relevant to simulation devices and services on three offerors.*

***Customer Feedback:** "Analysis was articulate and extremely professional, enhancing credibility of overall past performance analysis. The data was specific enough to be meaningful for its purpose and provided the government Performance Risk Assessment Group with an independent overview which was bias free. Your responsiveness to our short turn-around time was nothing short of miraculous! The product quality was excellent despite the short timeframe, but even more important to us was the manpower savings you created for the PRAG members."*

***Study:** Market Basket Project*

None

***Customer:** DCMC-AQO*

***Summary:** Parametric exercise in which a "Market Basket" of notional parts representative of the capabilities of three prime manufacturers was developed to determine cost drivers for selected systems. A review of three reporting periods of the data determined that the approach did not capture total cost and that adjustments were required in the methodology.*

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *Locate Alternate Manufacturers for Aircraft Tailhook* *None*

Customer: *DCMC Dayton, OH*

Summary: *Located five alternate suppliers of aircraft arrestinghook. Contractors are presently producing arresting hooks for the following aircraft: F-4, F-18, S-3 and F-14.*

Study: *Reading North Team Workload Analysis* *None*

Customer: *DCMC Reading, PA*

Summary: *Analyzed present workload and forecasted future workload to determine if additional resources were required to perform contract management efforts.*

Customer Feedback: *“DCMC IASO analysis findings supported a reorganization decision that included transition from five teams to four. DCMC IASO’s forecast also contributed to more effective contract management support of the industrial base in northeast Pennsylvania.”*

Cost Savings: *\$264,460 (annual savings)*

Study: *General Dynamics Acquisition of Lucent Technologies* *None*

Customer: *DCE General Dynamics*

Summary: *Provided support to DCE-GD on the acquisition of some of Lucent Technologies business segments by General Dynamics, specifically in the undersea area.*

FY97 DCMC Industrial Assessments

<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> <i>Impact of Competition on the Industrial Base</i>	<i>None</i>
<u>Customer:</u> <i>Secretary of the Army, Research, Development and Acquisition</i>	
<u>Summary:</u> <i>Army was moving away from restricted procurements; foreign competition had a positive impact; mergers and vertical integration had greater impact on competition than restricted procurements; except for “warstopper” items there is little reason to impose restrictions; and accelerate internal Army programs to less impact of declining competition.</i>	
<hr/>	
<u>Study:</u> <i>Prospectively assessing mergers/restructuring costs</i>	<i>None</i>
<u>Customer:</u> <i>Secretary of the Army, Research, Development and Acquisition</i>	
<u>Summary:</u> <i>The review recommended five specific actions that acquisition officials should consider before restructuring cost. The customer used the guidebook as reference material for restructuring purposes.</i>	
<hr/>	
<u>Study:</u> <i>Raytheon/Texas Instruments/Hughes Acquisition Assessment</i>	<i>None</i>
<u>Customer:</u> <i>DCMC</i>	
<u>Summary:</u> <i>Concluded there were numerous complimentary capabilities amongst the three companies. Customer used study to ascertain the effects to individual programs.</i>	
<hr/>	
<u>Study:</u> <i>Electronics IB Forecast Briefing to ICAF</i>	<i>None</i>
<u>Customer:</u> <i>Industrial College of the Armed Forces</i>	
<u>Summary:</u> <i>Provided brief to students at ICAF Electronics Study Group presenting the Industrial Base Forecast focusing on the electronics industry.</i>	

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *Analytical Support, Comments to NATO/C3A, Scientific Support Plan (SSP)*

None

Customer: *Defense Electronics Support Activity*

Summary: *IASO engineers provided industrial capability assessments for programs within the SSP. No unique technology concerns noted.*

Customer Feedback: *Identified US programs within DoD currently working with correlating technologies capable of satisfying NATO requirements. Improving the relations with the NATO communities in identifying solutions and synergy for their requirements.*

Cost Savings: *\$2,500*

Study: *Support on Military Sealift Command Delegations*

None

Customer: *DCMC Springfield*

Summary: *Provided technical and engineering support to DCMC Springfield on Contract #N62387-95-C-4002.*

Cost Avoidance: *\$220,000*

FY97 DCMC Industrial Assessments

<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> <i>Company Abstracts by State</i>	<i>None</i>
<u>Customer:</u> <i>Deputy Undersecretary of Defense, Industrial Capabilities & Assessments</i>	
<u>Summary:</u> <i>This document contains abstracts of selected US companies organized by state. The information within the abstracts contain: Company name, location, programs/products, employment, sales, and critical issues. The information is provided to the President of the United States (POTUS), Secretary of Defense (SECDEF), and senior DoD personnel, to prepare for visits throughout the US.</i>	
<u>Customer Feedback:</u> <i>“Significantly offloads staff with having to disrupt other work to respond to requests for input to POTUS and SECDEF trips.”</i>	
<u>Cost Avoidance:</u> <i>\$50,000</i>	

<u>Study:</u> <i>GEC Marconi Acquisition of Hazeltine Corporation</i>	<i>None</i>
<u>Customer:</u> <i>Deputy Undersecretary of Defense, Industrial Capabilities & Assessments</i>	
<u>Summary:</u> <i>Provided Industrial, Technological, and Financial Analysis in support of proposed acquisition.</i>	
<u>Customer Feedback:</u> <i>“ Provided very useful data to develop ICA’s position on the proposed acquisition.”</i>	

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *Specifications and Standards Reform Revisited*

None

Customer: *OASD/ES*

Summary: *Based on pilot program conducted by IASO Engineers, the Defense Standardization Improvement Council (DSIC) decided to drop reporting requirements pertaining to ACAT data from DoD Policy Memo 95-5.*

Customer Feedback: *Elimination of Service reporting requirements was a direct result of IASO study. Additionally, IASO was asked by the DSIC to participate in a series of Army Acquisition Reform Initiative Reviews.*

Cost Savings: *None provided. \$50,000 estimated*

Study: *Modeling and Simulation (M&S) Phase I*

*Springfield
Boeing Helicopters
Lockheed Martin Delaware
Valley*

Customer: *Undersecretary of Defense for Acquisition & Technology*

Summary: *At least 12 significant findings relative to M&S were determined. A proposal was presented to expand the study to a minimum of 36 facilities.*

Customer Feedback: *Significant value to the customer as evidenced by request to expand the study as proposed.*

Cost Avoidance: *None provided.*

FY97 DCMC Industrial Assessments

<u>Task</u>	<u>Participating CAOs</u>
<u>Study:</u> <i>Modeling and Simulation Phase II</i>	Cleveland Sikorsky Van Nuys Boston Long Island New York Hamilton Standard Raytheon LM Sanders
<u>Customer:</u> <i>: Undersecretary of Defense for Acquisition & Technology</i>	Cleveland Thiokol Atlanta Boeing Philadelphia Dallas Clearwater Orlando LM Vought LM Orlando Texas Instruments Phoenix Stewart & Stevenson St. Louis San Francisco Santa Ana Boeing Huntington Beach Boeing St. Louis Twin Cities LM Astronautics Thiokol Americas-Puerto Rico Philadelphia-Reading
<u>Summary:</u> <i>Study addressed 14 topics. Customer particularly interested in Simulation Based Acquisition (SBA) results/analysis</i>	
<u>Customer Feedback:</u> <i>“Concrete recommendations that could be implemented in SOWs and result in potential long- term savings to DoD.”</i>	

<u>Study:</u> <i>Joint Vaccine Acquisition Program (JVAP)</i>	<i>None</i>
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<u>Customer:</u> <i>Army JVAP Office</i>

<u>Summary:</u> <i>Supported customer during source selection evaluation board regarding evaluation of contractors' earned value management systems.</i>

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: SA-ALC Depot Maintenance Outsourcing

None

Customer: DCMC

Summary: Reviewed the risk associated with outsourcing Kelly AFB maintenance workload. The Early CAS activities (DCMC Liaison participation, ACO and QAR assigned, co-located DCMC/PM office, etc.) being pursued are also positive factors.

Study: USAF Electronic Systems Command (ESC) Briefing

None

Customer: DCMDE ESC

Summary: This study is the first Industrial Base Forecast Study presented in briefing format. The IB Forecasts study summarized trends in the economy, technology and DOD and how they impact the Industrial Base and DOD activities. DCMC's future will be driven by a stable defense budget with increasing procurement and advancing technology. Acquisition Reform and Contractor consolidation will also alter the distribution and workload in DCMC.

Study: ESC Briefing Follow-up

None

Customer: DCMC Headquarters

Summary: This study is the second Industrial Base Forecast Study presented in briefing format. This study was a follow-up to the ESC Briefing Study.

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *IB Forecast Briefing Update for DCMDW*

None

Customer: *DCMC DCMDW*

Summary: *This study is an Industrial Base Forecast Study presented in briefing format. This study was a follow-up to the ESC Briefing Study.*

Study: *IB Forecast Briefing for AFSMC*

None

Customer: *Airforce Space and Missile Command (AFSMC)*

Summary: *This study is an Industrial Base Forecast Study presented in briefing format tailored to the requirements of the Airforce Space and Missile Command. The IB Forecasts study summarized trends in the economy, technology and DOD and how they impact the Industrial Base and DOD activities. This briefing includes analysis and forecasts concerning the events in early 1997. DoD's future will be driven by a stable defense budget with increasing procurement and advancing technology. Acquisition Reform and Contractor consolidation will have major impact on DoD.*

Study: *Wright Labs Forecast Study*

None

Customer: *Wright Laboratory, Air Force Materiel Command*

Summary: *This study is an Industrial Base Forecast Study presented in briefing format tailored to the requirements of the Airforce's Wright Labs. The IB Forecasts study summarized trends in the economy, technology and DOD and how they impact the Industrial Base and DOD activities. This briefing includes analysis and forecasts concerning the events in early 1997.*

FY97 DCMC Industrial Assessments

Task

Participating CAOs

Study: *Army Symposium Forecast Study & Briefing*

None

Customer: *Army IEA*

Summary: *This study is an Industrial Base Forecast Study presented in briefing format tailored to the requirements of the Army for the Army Industrial Base Symposium. The IB Forecasts study summarized trends in the economy, technology and DOD and how they impact the Industrial Base and DOD activities. This briefing includes analysis and forecasts concerning the events in early 1997.*

Study: *Strategic Crisis Exercise (SCE) 1997 Economic Input*

None

Customer: *Army War College*

Summary: *DCMC IASO provided economic data and forecasts to support the Strategic Crisis Exercise Wargames in March 1997.*

None

Study: *Minimum Sustaining Rate Analysis*

Customer: *Secretary of the Army, Research Development and Acquisition (SARDA)*

Summary: *DCMC IASO provided report describing the definitions of and analysis required in determining Minimum Sustaining Rates at a facility.*

Study: *Early CAS Support for U.S. Special Operations Command (SOCOM) on the Source Selection of Special Operations Forces Support Activity (SOFSA) contract*

*DCMC Raytheon ,Boeing,
Clearwater, Wichita,*

Customer: *DCMC AQAS and USSOCOM*

Summary: *IASO supported DCMC AQAS and USSOCOM with four subject matter experts who performed technical and cost evaluation on the competing contractors proposals for the SOFSA Source Selection Evaluation Board (SSEB).*

FY97 DCMC Industrial Assessments